

### Abstract

Regulatory elements of the 5'UTR of cold-shock inducible genes that prolong the expression of cold-shock inducible genes under conditions that elicit the cold-shock response in a bacterium, repress the expression of the cold-shock inducible genes under physiological conditions, or enhance the translation of cold-shock inducible genes under conditions that elicit a cold-shock response in bacteria; vectors incorporating these elements; and methods for expressing proteins.